

## EAST Search History

| Ref # | Hits   | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|--|------------------|---------|------------------|
| L1    | 726    | "fatty acid" "benzoic acid ester"<br>"benzoic acid" alcohol catalyst                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/07/13 17:29 |
| L2    | 38788  | "phosphorous acid" "phosphinic acid" "hypophosphorous acid"<br>phosphinate hypophosphite    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/07/13 17:13 |
| L3    | 94974  | tin adj2 oxide  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/07/13 17:13 |
| L4    | 250020 | neodol "propylene glycol"<br>"dipropylene glycol" "fatty alcohol"<br>"hydroxyfatty alcohol" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/07/13 17:14 |
| L5    | 2      | I1 and I2 and I3 and I4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/07/13 17:14 |
| L6    | 110232 | "benzoic acid"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/07/13 17:18 |
| L7    | 1170   | cetiol  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/07/13 17:18 |
| L8    | 0      | I2 I3 I4 I5 I6 I7   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/07/13 17:18 |

## EAST Search History

|     |         |  |  |     |    |                  |
|-----|---------|--|--|-----|----|------------------|
| L9  | 2       | I2 I3 I4 I5 I6   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/07/13 17:18 |
| L10 | 0       | I2 I3 I4 I6 I7   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/07/13 17:19 |
| L11 | 142     | I2 I3 I4 I6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/07/13 17:19 |
| L12 | 1003118 | ester esterification esterify<br>esterifying                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2007/07/13 17:20 |
| L13 | 225395  | I11 an dl12  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2007/07/13 17:20 |
| L14 | 142     | I11 and I12  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2007/07/13 17:47 |
| L15 | 324     | (esterification or esterify or<br>esterifying) adj4 "benzoic acid" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2007/07/13 17:27 |
| L16 | 0       | I14 and I15  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2007/07/13 17:21 |

## EAST Search History

|     |       |                                  |  |    |    |                  |
|-----|-------|----------------------------------|--|----|----|------------------|
| L17 | 0     | I15 and I2 and I3 and I4         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/13 17:21 |
| L18 | 19    | I1 and I15                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/13 17:22 |
| L19 | 3568  | benzoate adj2 ester              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/13 17:27 |
| L20 | 10685 | "benzoic acid" adj2 ester        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/13 17:28 |
| L21 | 0     | I19 and I15 and I2 and I3 and I4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/13 17:28 |
| L22 | 0     | I20 and I15 and I2 and I3 and I4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/13 17:28 |
| L23 | 8     | I20 and I2 and I3 and I4         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/13 17:29 |
| L24 | 0     | I19 and I2 and I3 and I4         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/07/13 17:45 |

## EAST Search History

|     |     |   |  |     |     |                  |
|-----|-----|---|--|-----|-----|------------------|
| L25 | 164 | "fatty acid" "benzoate ester"<br>"benzoic acid" alcohol catalyst  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2007/07/13 17:58 |
| L26 | 1   | I15 and I25   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2007/07/13 17:32 |
| L27 | 164 | "fatty acid" "benzoate esters"<br>"benzoic acid" alcohol catalyst | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2007/07/13 17:31 |
| L28 | 1   | I27 and I15   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2007/07/13 17:31 |
| L29 | 113 | (554/220).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2007/07/13 17:32 |
| L30 | 20  | I29 and "benzoic acid"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON  | 2007/07/13 17:33 |
| L31 | 6   | ("20020128523" "4275222" "4791097").PN.                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON  | 2007/07/13 17:39 |
| L32 | 0   | I31 and "5959130".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON  | 2007/07/13 17:39 |

## EAST Search History

|     |     |                                       |  |     |    |                  |
|-----|-----|---------------------------------------|--|-----|----|------------------|
| L33 | 2   | "5959130".pn.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2007/07/13 17:40 |
| L34 | 0   | I31 and I33                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2007/07/13 17:40 |
| L35 | 8   | I31 or I33                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2007/07/13 17:40 |
| L36 | 1   | tin and I35                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2007/07/13 17:42 |
| L37 | 2   | oxalate and I35                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2007/07/13 17:42 |
| L38 | 127 | benzoate and I2 and I3 and I4         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2007/07/13 17:46 |
| L39 | 0   | benzoate and I2 and I3 and I4 and I15 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2007/07/13 17:46 |
| L40 | 9   | "1357101"                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/07/13 18:04 |

## EAST Search History

|     |   |               |  |     |    |                  |
|-----|---|---------------|--|-----|----|------------------|
| L41 | 4 | "2003055279"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/07/13 18:04 |
| L42 | 2 | "20030055279" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/07/13 18:04 |